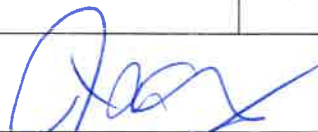


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WASHINGTON, D.C. 20460

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DATA MATRIX

Date July 16, 2012			EPA Reg. No./File Symbol 61842-23		Page 1 of 4
Applicant's/Registrant's Name & Address <div style="text-align: center;">Tessenderlo Kerley, Inc. 2255 North 44th Street, Suite 300 Phoenix, AZ 85008</div>			Product <div style="text-align: center;">Lorox DF Herbicide</div>		
Ingredient Linuron (CAS No. 330-55-2)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition	43889201 00164672	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	See endnote ¹
830.1600	Description of Materials Used to Produce the Product	43889201 00164672	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	See endnote
830.1620	Description of Production Process				Not required ²
830.1650	Description of Formulation Process	43889201 00164672	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
830.1670	Discussion of Formation of Impurities	43889201 00164672	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
830.1700	Preliminary Analysis				Not required ³
830.1750	Certified Limits	43889201 00164672	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
830.1800	Enforcement Analytical Method	00164672 43889201 43889202	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN OWN	
830.6302	Color	00164672 43889203	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
830.6303	Physical State	00164672 43889203	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
Signature 			Name and Title J. Akins, Director of Regulatory Affairs		Date July 16, 2012

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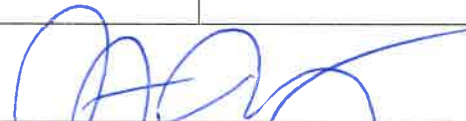
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Ingredient Linuron (CAS No. 330-55-2)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6304	Odor	00164672 43889203	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions				Not required ⁴
830.6314	Oxidation/Reduction: Chemical Incompatibility	00164672 43889203	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
830.6315	Flammability				Not applicable ⁵
830.6316	Explosibility				Not applicable ⁶
830.6317	Storage Stability	00164672 44503901	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
830.6319	Miscibility				Not required ⁷
830.6320	Corrosion Characteristics	00164672 44503901	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
830.6321	Dielectric Breakdown Voltage				Not required ⁸
830.7000	pH	00164672 43889203	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
830.7050	UV/Visible Absorption				Not required ⁴
830.7100	Viscosity				Not required ⁹
830.7200	Melting Point/Melting Range				Not required ⁴
830.7220	Boiling Point/Boiling Range				Not required ⁴
			Name and Title J. Akins, Director of Regulatory Affairs		Date July 16, 2012

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Ingredient Linuron (CAS No. 330-55-2)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300	Density/Relative Density/Bulk Density	00164672 43889203	Tessengerlo Kerley, Inc. Tessengerlo Kerley, Inc.	OWN OWN	
830.7370	Dissociation Constants in Water				Not required4
830.7520	Particle Size, Fiber Length, diameter distribution				Waiver10
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Not required4
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 830.7550
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7550
830.7840	Water Solubility: Column Elution Method; Shake Flask Method				Not required4
830.7860	Water Solubility, Generator Column Method				See 830.7840
830.7950	Vapor Pressure				Not required4
870.1100 (81-1)	Acute Oral Toxicity: Rat	43663101 00018194	Tessengerlo Kerley, Inc. Tessengerlo Kerley, Inc.	OWN OWN	
870.1200 (81-2)	Acute Dermal Toxicity: Rat	43889204 00018195	Tessengerlo Kerley, Inc. Tessengerlo Kerley, Inc.	OWN OWN	
Signature 			Name and Title J. Akins, Director of Regulatory Affairs		Date July 16, 2012

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Ingredient Linuron (CAS No. 330-55-2)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1300 (81-3)	Acute Inhalation Toxicity: Rat	43889205	Tessenderlo Kerley, Inc.	OWN	
870.1300 (81-4)	Primary Eye Irritation: Rabbit	43889206 00018196	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
870.1300 (81-5)	Primary Dermal Irritation	43889207 00018197	Tessenderlo Kerley, Inc. Tessenderlo Kerley, Inc.	OWN OWN	
870.1300 (81-6)	Dermal Sensitization	43889208	Tessenderlo Kerley, Inc.	OWN	
Signature 			Name and Title J. Akins, Director of Regulatory Affairs		Date July 16, 2012

Endnotes for Data Matrix for Lorox DF Herbicide

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- ¹ E. I. Du Pont de Nemours and Co. was the original data submitter. DuPont sold the registrations and data for linuron technical and end use products to Tessenderlo Kerley, Inc. EPA approved the transfer on Jan. 21, 2010.
- ² **830.1620** – These data are not required for the registration of an end use product. Refer to 830.1650.
- ³ **830.1700** – This product does not consist solely of the technical grade active ingredient (TGAI), and is not produced by an integrated system, therefore, per OPPTS 830.1700, these data are not required.
- ⁴ **830.6313, 830.7050, 830.7200, 830.7220, 830.7370, 830.7550-7570, 830.7840-7860, 830.7950** – These data are not required to support registration of an end-use product.
- ⁵ **830.6315** – These data are not applicable to Lorox DF Herbicide because the material is a solid, does not contain flammable materials, and therefore is not expected to be flammable. Refer to the CSF for Lorox DF for individual components.
- ⁶ **830.6316** – These data are not applicable to Lorox DF Herbicide because linuron does not contain the chemical bonds or functional groups associated with explosive chemicals. None of the inert ingredients are explosive. Refer to the CSF for Lorox DF for individual components.
- ⁷ **830.6319** - These data are not required for Lorox DF Herbicide because the material is not an emulsifiable liquid to be diluted with petroleum solvents.
- ⁸ **830.6321** - These data are not required for Lorox DF Herbicide because the material is not to be used around electrical equipment.
- ⁹ **830.7100** - Lorox DF is a solid, therefore this data requirement is not applicable.
- ¹⁰ **830.7520** - Lorox DF is not water insoluble, and is not a fibrous material, therefore these data are not applicable.